

Quil Ceda Village Council

Marlin Fryberg, Jr., President

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Marie Zackuse, Council Member

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The Consolidated Borough of

Quil Ceda Village

8802 27th Avenue NE, Tulalip, WA 98271-9694

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Subject: Revised Quil Ceda Village MBR Sampling Plan
Underground Injection Well Program
(UIC ID # WA424T5-99-90091)

Date: 5/28/13

Attached you will find the revision of the sampling plan for the MBR treatment facility located at, 9010 27th Ave NE, Tulalip Wa 98271. Please feel free to contact me if you have any questions pertaining to the revisions made to the sampling plan.

Thank you,

Lukas Reyes

Quil Ceda Village Utilities Superintendent

8802 27th Ave NE

Tulalip, Wa 98271

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Proposed Effluent Monitoring Parameters and Frequency Amendments

Sampling Frequency During Discharge to
Effluent Infiltration System.

Parameter or Parameter Groups	2002 proposed	2013
Instrument Parameters		
Dissolved Oxygen	Weekly	Weekly
PH	Weekly	Weekly
Specific Conductance	Weekly	Weekly
Turbidity	Continuous: turbidity meter	Continuous: turbidity meter
Ammonia	N/A	Weekly
Nitrate	N/A	Weekly
Nitrite	N/A	<i>as required for process control</i>
Conventional Parameters		
Alkalinity	Monthly of 1 st year	Monthly
Ammonia	Weekly	Monthly
BOD5	Weekly	Monthly
Coliform, Fecal	Weekly	Monthly
Coliform, Total	1 st week , at 6 months, at 12 months	none
<i>E. coli</i>	1 st week, at 6 months, at 12 months	none
Cyanide	1 st week, at 6 months, at 12 months	none
Hardness	Monthly	Monthly
Nitrate	Weekly	Weekly
Nitrite	Weekly	<i>as required for process control</i>
Phosphorous	1 st week, at 6 months, at 12 months	Monthly
TKN	Weekly	Monthly
TSS	Monthly 1 st yr	Continuous: turbidity meter

Parameter or Parameter Group	2002 proposed	2013
Volatile Organic Compounds ^a	First week, then every six months	every six months
Pesticides ^a	First week, then every six months	every six months
PCBs ^a	First week, then every six months	every six months
TPH ^a	First week, then every six months	every six months

Metals

Antimony	Monthly for first 3 months	annually
Arsenic	Monthly for first 3 months	annually
Asbestos	Monthly for first 3 months	annually
Barium	Monthly for first 3 months	annually
Beryllium	Monthly for first 3 months	annually
Cadmium	Monthly for first 3 months	annually
Chromium	Monthly for first 3 months	annually
Copper	Monthly for first 3 months	annually
Lead	Monthly for first 3 months	annually
Mercury	Monthly for first 3 months	annually
Nickel	Monthly for first 3 months	annually
Selenium	Monthly for first 3 months	annually
Silver	Monthly for first 3 months	annually
Thallium	Monthly for first 3 months	annually
Zinc	Monthly for first 3 months	annually

^aSee list in Table 2-2 of the Quality Assurance Plan, Appendix J-2 (QAPP)(Parametrix, 2002)